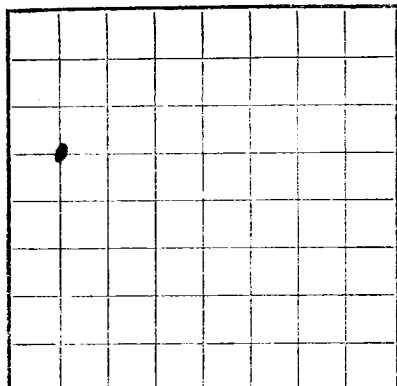


U. S. LAND OFFICE **LC**SERIAL NUMBER **LC-063621**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

## LOG OF OIL OR GAS WELL

Company **A. J. Smith & Co.** Address **Box 631, Artesia, N. M.**Lessor or Tract **Southern Union** Field **Loco Hills** State **N. M.**Well No. **1** Sec. **17** T. **18S** R. **30E** Meridian **NMPN** County **Eddy**Location **2310** ft. **N** of **N** Line and **330** ft. **E** of **N** Line of **Sec. 17** Elevation **3496**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date \_\_\_\_\_ Title **Operator**

The summary on this page is for the condition of the well at above date.

Commenced drilling **August 31,** 19**61** Finished drilling **October 2,** 19**61**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2555** to **2590 (show)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_No. 2, from **2735** to **2741 (show)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_No. 3, from **2878** to **2886 (show)** No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from **2878** to **2886 (75 gal. hr.)** No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<b>8 5/8</b>			<b>8</b>	<b>425</b>					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<b>8 5/8</b>	<b>425</b>	<b>50 sacks</b>	<b>Half.</b>	<b>Heavy</b>	

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from **0** feet to **3214** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

**D. D. Mann**, Driller **J. H. Hart**, Driller**W. R. High**

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	75	75	Red Bed
75	220	145	Red Sand
220	413	193	Anhydrite
413	1160	747	Salt
1160	1940	780	Anhydrite
1940	2155	215	Anhydrite & Lime
2155	2370	215	Anhydrite
2370	2378	8	Red Sand
2378	2395	17	Lime
2395	2655	260	Anhydrite & Lime
2655	2825	170	Lime
2825	2870	45	Sand
2870	3030	160	Lime
3030	3060	30	Sand
3060	3075	15	Lime
3075	3214	139	Lime - Id- Plugged

[OVER]

**FORMATION RECORD—Continued**[illegible]

### HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.